

Luget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038: Fredrick Austin, PE (206) 689-4055

Emission Report
April 12, 2000

BALL-FOSTER GLASS CONTAINER CORP

File #: 11656
EPA#: 033- 4

Location (KING County):

5801 E Marginal Way S
Seattle, WA 98134
Ken Towne
Engineer
(206) 762-0660

Mailing Address:

5801 E Marginal Way S
Seattle, WA 98134-2497
Frank Glinka
General Factories Manager
(206) 762-0660

Standard Industrial Classification (SIC): 3221 Glass Containers

North American Industry Classification System (NAICS):
327213 Glass Container Manufacturing

1998 Air Contaminant Emission Summary (From last year's Emission Report; fees based on tons/year)

<u>Criteria Contaminants:</u>	<u>pounds/1998</u>	<u>tons /1998</u>
Nitrogen Oxides (NO2)	875,509	438
Particulate Matter (PM10)	116,161	58
Sulfur Oxides (SO2)	244,110	122

Emission Point/Segment Summary

Point 001 Glass Production
 Segment 01 Glass Furnace #3
Point 002 Glass Production
 Segment 01 Glass Furnace #4
Point 003 Glass Production
 Segment 01 Glass Furnace #5
Point 004 Glass Production
 Segment 01 Glass Furnace #2

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File #: **11656**
EPA#: **033- 4**

CERTIFICATION

gka 6/24/00 disk received; data transfered, checked.

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are reasonable estimates using data available to the preparers of this report.

The name and title of the person responsible for this emission report's estimates:

Name: Gordon E. Hughes

(please print)

Senior Vice President

Title: Engineering Department

(please print)

Signature: *Gordon Hughes*

Date Signed: 6-23-00

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EPA#: 033- 4

Emission Point/Segments PLEASE COMPLETE 1999 DATA

Point 001 Glass Production

Segment 01 Glass Furnace #3

Source Classification Code: **3-05-014-02 Mineral Products-Glass Mfg--Flat Glass--Melting Furnace**

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1998	70,238	Tons Glass Produced
1999	<u>66,879</u>	Tons Glass Produced

<u>CAS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1998</u>	<u>pounds/1999</u>	<u>Method</u>
NO2		Nitrogen Oxides (NO2)	53,380	50,828	1
PM10		Particulate Matter (PM10)	37,226	32,771	1
SO2		Sulfur Oxides (SO2)	47,761	45,490	1
_____	---	_____	_____	_____	
_____	---	_____	_____	_____	

CAS#

Chemical Abstract Services Number

Method Code:

1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

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EPA#: 033- 4

Emission Point/Segments PLEASE COMPLETE 1999 DATA

Point 002 Glass Production

Segment 01 Glass Furnace #4

Source Classification Code: **3-05-014-02 Mineral Products-Glass Mfg--Flat Glass--Melting Furnace**

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1998	48,897	Glass Produced
1999	<u>-0-</u>	Glass Produced Furnace Idled - Inventory Adjustment

<u>CAS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1998</u>	<u>pounds/1999</u>	<u>Method</u>
NO2		Nitrogen Oxides (NO2)	709,006	<u>-0-</u>	1
PM10		Particulate Matter (PM10)	32,272	<u>-0-</u>	1
SO2		Sulfur Oxides (SO2)	36,183	<u>-0-</u>	1
_____	---	_____	_____	_____	
_____	---	_____	_____	_____	

CAS# Chemical Abstract Services Number

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

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BALL-FOSTER GLASS CONTAINER CORP

File #: 11656

EPA#: 033- 4

Emission Point/Segments PLEASE COMPLETE 1999 DATA

Point 003 Glass Production

Segment 01 Glass Furnace #5

Source Classification Code: 3-05-014-02 Mineral Products-Glass Mfg--Flat Glass--Melting Furnace

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1998	61,709	Glass Produced
1999	<u>57,940</u>	Glass Produced

<u>CAS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1998</u>	<u>pounds/1999</u>	<u>Method</u>
NO2		Nitrogen Oxides (NO2)	46,281	<u>43,455</u>	1
PM10		Particulate Matter (PM10)	25,301	<u>20,279</u>	1
SO2		Sulfur Oxides (SO2)	91,946	<u>86,331</u>	1
_____	---	_____	_____	_____	
_____	---	_____	_____	_____	

CAS#

Chemical Abstract Services Number

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File #: **11656**

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Emission Point/Segments PLEASE COMPLETE 1999 DATA

Point 004 Glass Production

Segment 01 Glass Furnace #2

Source Classification Code: 3-05-014-02 Mineral Products-Glass Mfg--Flat Glass--Melting Furnace

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1998	68,910	Tons Glass Produced
1999	<u>70,678</u>	Tons Glass Produced

<u>CAS#</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1998</u>	<u>pounds/1999</u>	<u>Method</u>
NO2		Nitrogen Oxides (NO2)	66,842	<u>68,558</u>	1
PM10		Particulate Matter (PM10)	21,362	<u>16,256</u>	1
SO2		Sulfur Oxides (SO2)	68,220	<u>69,971</u>	1
_____	---	_____	_____	_____	
_____	---	_____	_____	_____	

CAS# Chemical Abstract Services Number

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment



Ball-Foster

Ball-Foster Glass Container Co., L.L.C.
1509 South Macedonia Avenue
PO Box 4200
Muncie, Indiana 47307-4200

Tel. 765-741-7000
Fax 765-741-7012

June 23, 2000

CERTIFIED MAIL - RETURN RECEIPT

Mr. John K. Anderson, Senior Engineer
Puget Sound Clean Air Agency
110 Union Street, Suite 500
Seattle, WA 98101
ATTN: Annual Emission Report

RECEIVED

JUN 26 2000

PUGET SOUND CLEAN
AIR AGENCY

RE: Ball-Foster Glass Container Co., L.L.C.
Seattle Plant, ID # 11656
Annual Emission Report - 1999

Dear Mr. Anderson:

Enclosed you will find both an electronic submission and the paper report of the annual emissions for our Seattle Washington facility covering the calendar year 1999. The certification page is included with the paper report.

If there are any questions concerning the data submitted in either of these reports please feel free to contact me direct at 765-741-7116.

Sincerely:

John R. Mino
Senior Environmental Engineer

JRM

Attachment/Enclosure

cc: Doug Coburn - Seattle
Kenny Towne - Seattle